ABSTRACT OF THE DISCLOSURE

An optical glass having a refractive index (n_d) and an Abbe number (ν_d) which are within an area surrounded by the straight lines which are drawn by connecting point A (n_d=1.835, ν_d=46.5), point B (n_d=1.90, ν_d=40.0), point C, (n_d=1.90, ν_d=35.0) and point D (n_d=1.835, ν_d=38.0) in a sequence of A, B, C, D and A as border lines in x-y coordinates shown in FIG. 1, in which X-axis is the Abbe number (ν_d) and Y-axis is the refractive index (n_d), the area including the border line. The optical glass has low glass transition temperature (Tg), and suitable for precision mold pressing. The optical glass which has the refractive index (n_d) and Abbe number (ν_d) within the above-described area, where the area includes the border lines, has the composition of SiO_2-B_2O_3-La_2O_3-Gd_2O_3-Li_2O-F system, the transition temperature (Tg) of 550 to 650°C, and is free from lead, cadmium, thorium, Y_2O_3, P_2O_5 and TeO_2.